THE BRICKBVILDER

DEVOTED TO THE INTERESTS OF

ARCHITECTVRE IN MATERIALS OF CLAY

PVBLISHED MONTHLY
BY ROGERS AND MANSON
OFFICE, 85 WATER STREET BOSTON MASS.

INDEX, VOLUME EIGHT

JANUARY—DECEMBER

1899

PLATE ILLUSTRATIONS.—CLASSIFIED.

	Location.	Architect.	Journal No.	Plate No.
ASYLUMS HOSPITALS	Boston, Mass	Wheelwright & Haven	12	92, 93
	Ellis Island, N. Y	Boring & Tilton	9	67, 68, 69
	New York City	Allen & Vance	10	74, 75, 78, 79, 80
	Philadelphia, Pa	Kean & Mead	3	19, 22
	Tewksbury, Mass	John A. Fox	7	51, 52, 53
BUSINESS BUILDINGS,— OFFICE AND STORE	Camden, N. J	Baily & Truscott	9	72
	Philadelphia, Pa	Wilson Eyre, Jr	8	58, 63, 64
	Pittsburgh, Pa	Alden & Harlow	8	57
CHURCHES	Leominster, Mass	McGinnis, Walsh & Sullivan	11	83, 84, 85, 86, 87
	New York City	Barney & Chapman	5	34, 35, 38, 39
COLLEGE AND SOCIETY BUILDINGS	Bridgewater, Mass	Hartwell, Richardson & Driver	3	24
	Des Moines, Iowa	George E. Hallett	4	25
	New Haven, Conn	Brite & Bacon	7	49, 56
	Philadelphia, Pa	Cope & Stewardson	6	42, 46, 47
	South Braintree, Mass	Hartwell, Richardson & Driver	3	18, 23
	Syracuse, N. Y	Green & Wicks	1	1, 8
ENGINE HOUSES	Philadelphia, Pa	E. V. Seeler	11	81, 88
HOSPITALS	See Asylums.			
HOUSES,— RESIDENCES	Athens, Ohio	Cram, Goodhue & Ferguson	7	54
	Belair, Ind	Wyatt & Nolting	2	15
	Brooklyn, N. Y	Babb, Cook & Willard	4	26, 27, 30, 31, 32
	Germantown, Pa	Rankin & Kellogg	9	66, 70, 71
	Hamilton, Mass	Winslow, Wetherell & Bigelow	6	48
	New York City	Barney & Chapman	5	33, 40
	New York City	Brite & Bacon	7	50, 55
	New York City	Ernest Flagg	1	3, 4, 5, 6
	New York City	J. A. Schweinfurth	2	9, 16
	Ogontz, Pa	Kean & Mead	2	12, 13
	Philadelphia, Pa	Cope & Stewardson	1	2, 7
	Philadelphia, Pa	Cope & Stewardson	9	65
	Philadelphia, Pa	Edgar V. Seeler	2	10, 11, 14
	Thompson, Conn	Shepley, Rutan & Coolidge	3	20, 21
	Toledo, Ohio	E. O. Fallis	10	76, 77
	Tuxedo Park, N. Y	Adams & Warren	12	89, 90, 95, 96
	Tuxedo Park, N. Y	T. Henry Randall	6	43, 44, 45
	Washington, D. C	McKim, Mead & White	5	36, 37
	Washington, D. C	Totten & Rogers	11	82
LIBRARIES	Pepperell, Mass	Ernest Flagg and W. B. Chambers	4	28, 29
	Wayland, Mass	Cabot, Everett & Mead	12	91, 94

MEASURED DRAWINGS. FOREIGN.

Description.	Drawn by	Journal No.	Plate No.
Cornices	Will S. Aldrich	3	17
Cornices	Will S. Aldrich	6	41
Cornices	Will S. Aldrich	10	73

COMPETITIVE DESIGNS. MEMORIAL MONUMENT.

Location.	Architect.	Journal No.	Plate No.
Boston, Mass	Cram, Goodhue & Ferguson	8	59
Boston, Mass	A. W. Longfellow, Jr	8	61
Boston, Mass	Peabody & Stearns	8	60
Boston, Mass	R. Clipston Sturgis	8	62

MISCELLANEOUS ILLUSTRATIONS IN LETTER-PRESS.

This list does not include illustrations made in connection with articles, nor those of terra-cotta details.

Title and Location.	Architect.	Page.
ADMINISTRATION Building, McLean Hospital, Waverly, Mass.	Shepley, Rutan & Coolidge	123
Apartment Houses, Chicago, Ill.	Edmund R. Krause	60
BARNARD College, New York City	Lamb & Rich	142
Beggs Building, Columbus, Ohio	C. A. Stribling	189
Belknap House for Men, McLean Hospital, Waverly, Mass.	Shepley, Rutan & Coolidge	123
Berzelius Dormitory, New Haven, Conn.	Brite & Bacon	144
Business Block, New York City	J. B. Snook & Sons	192
CHESEBROUGH Building, New York City	Clinton & Russell	145
City Electric Light Station, Chicago, Ill.	Adolph Finkler	62
Commercial National Bank Building, Pittsburgh, Pa.	Alden & Harlow	167
Construction and Architectural Treatment of a Chicago Store Front	Louis H. Sullivan	253
Counting House, Philadelphia, Pa.	Wilson Eyre, Jr.	166
Court, Barnard College, New York City	Lamb & Rich	142

Title and Location.	Architect.	Page.
DOME of High School, East Boston, Mass.	John Lyman Faxon	255
ENGLISH Manor House		61
Entrance, Brewers' Exchange, Baltimore, Md.	Joseph Evans Sperry	101
Entrance, Hartford Life Insurance Building, Hartford, Conn.	F. R. Comstock	81
Entrance, Piazza and Botta Building, Vicksburg, Miss.	Alfred Zucker	192
Entrance, St. Joseph Roman Catholic Church, Allegheny, Pa.	F. C. Sauer	103
FIRST National Bank Building, Hartford, Conn.	Ernest Flagg	169
Front Entrance, House, Baltimore, Md.	Wyatt & Nolting	37
GATE and Gate Lodge, Woodlawn Cemetery, Everett, Mass.	William Hart Taylor	19
Gateway, Jesus College, Cambridge, England		59
HAMPTON Court Palace, London, England		210, 211
Hartford Savings Bank (detail), Hartford, Conn.	Peabody & Stearns	213
Hotel Schenley, Pittsburgh, Pa.	Rutan & Russell	189
Hotel Touraine, Boston, Mass.	Winslow & Wetherell	38
House, Boston, Mass.	Gay & Proctor	214
House, Chicago, Ill.	Jenney & Mundie	190
House, Dayton, Ohio	Frank M. Andrews	123
House, Longwood, Mass.	Chamberlin & Whidden	257
House, New York City	Brite & Bacon	143
House, New York City	S. M. Holden	188
House, New York City	McKim, Mead & White	186
House, Oak Park, Ill.	George W. Maher	61
House, Pittsburgh, Pa.	Alden & Harlow	168
House, Pittsburgh, Pa.	Sidney T. Heckert	170
House, Pittsburgh, Pa.	George S. Orth & Bro.	102
House, Philadelphia, Pa.	Cope & Stewardson	104
House, Philadelphia, Pa.	Cope & Stewardson	104
House, St. Louis, Mo.	Barnett, Haynes & Barnett	82
House, St. Louis, Mo.	Shepley, Rutan & Coolidge	212
House, Thompson, Conn.	Shepley, Rutan & Coolidge	59
House, Tuxedo Park, N. Y.	T. Henry Randall	122
Houses, Melbury Road, Kensington, England	Wallace & Stevenson	39
INTERIOR, Church of Ascension, Pittsburgh, Pa.	Halsey Woods; Alden & Harlow	146
Interior View of Roof, City Electric Light Station, Chicago, Ill.	Adolph Finkler	63
Ivy Club House, Princeton, N. J.	Cope & Stewardson	100
LABORATORY and Gymnasium Building, South Braintree, Mass.	Hartwell, Richardson & Driver	61
MANHEIM Cricket Club, Germantown, Pa.	McKim, Mead & White	16, 17
Mantel, House, Albany, N. Y.	Franklin H. Janes	37
Memorial Campanile, Iowa State Agricultural College	George E. Hallett	80
Methodist Orphans' Home, St. Louis, Mo.	T. B. Annan	190
NORTHERN Pacific Depot, Fargo, N. Dak.	Cass Gilbert	233
Nunupton, Herefordshire, England		144
OFFICE, St. Louis, Mo.	J. L. Wees	256
Ohio Pythian Orphans' Home, Springfield, Ohio	Yost & Packard	236
PLAN, House at Philadelphia, Pa.	Cope & Stewardson	18
Plan, Houses at Philadelphia, Pa.	Cope & Stewardson	191
Porch, House at Jamaica Plain, Mass.	Wheelwright & Haven	41
SCHOOLHOUSE and Gateway, Truro, England		17
Shelter House, Prospect Park, Brooklyn, N. Y.	McKim, Mead & White	40
St. Raymond's Roman Catholic Church, West Chester, N. Y.	George H. Streeton	41
Store Building, Pittsburgh, Pa.	Peabody & Stearns	83
Swimming Tank, New York Athletic Club, New York City	William Cable	20
Syracuse University Block, Syracuse, N. Y.	Green & Wicks	19
UNION Club, St. Louis, Mo.	Grable, Weber & Groves	256
Union Passenger Station, Omaha, Neb.	Walker & Kimball	126
VESTIBULE Ceiling, City Hall, Binghamton, N. Y.	Ingle & Almirall	13
Vestibule, New Detroit Opera House	Alpheus W. Chittenden	103
WESTERN Reserve Historical Society Building, Cleveland, Ohio	F. S. Barnum & Co.	187
Westminster Apartments, Boston, Mass.	Henry E. Cregier	232

SERIALS.

AMERICAN SCHOOLHOUSE, THE.

BY EDMUND M. WHEELWRIGHT.

(This Series was begun in the November number, 1897.)

Page.

Paper XIV. The Normal School 6
Illustrations.
State Normal School, New Haven, Conn.
State Normal School, North Adams, Mass.
State Normal School, Lowell, Mass.
State Normal School, Salem, Mass.

Paper XV. 30
Illustrations.
Newark High School, Newark, N. J.
Springfield High School, Springfield, Mass.
Latin School, Cambridge, Mass.

Page.

Paper XVI. 45
Illustrations.
Public School, No. 153, New York City.
Public School, No. 20, New York City.
Girls' High School, New York City.
Public School, No. 165, New York City.

Paper XVII. 67
Illustrations.
Public School, No. 154, New York City.
Roof Playground, Public School, No. 147, New York City.
Playground, first floor, Public School, No. 154, New York City.
Public School, No. 159, New York City.
Public School, No. 166, New York City.
Plan of Cellar, Public School, No. 165, New York City.

291784

A PUBLIC LIBRARY, COST $100,000.
(Continued in Vol. IX.)

Page.
Paper I. .....by Thomas M. Kellogg.....217

A VILLAGE CHURCH, COST $100,000.
(Continued in Vol. IX.)

Paper I. .....by R. Clipston Sturgis.....135
Paper II. .....by Ernest Coxhead.....157
Paper III. .....by Allen B. Pond.....173
Paper IV. .....by T. Henry Randall.....195

BRICKS AND TILES FOR INTERIOR FINISHING.
BY RUSSELL STURGIS.

Paper I. 3
Paper II. 27

CHURCH ARCHITECTURE IN MATERIALS OF CLAY.
(Continued in Volume IX.)
BY THOMAS CUSACK.

Paper I. 10
Paper II. 48
Paper III. 89
Paper IV. 136

MONTEVENTOSO.
BY BERTRAM G. GOODHUE.

Paper I. 129
Paper II. 151

THE ARTISTIC POSSIBILITIES IN THE USE OF ROOFING TILE.
BY W. A. OTIS.

Paper I. 197
Paper II. 219

THE FORMAL GARDEN.
BY ELMER GARNSEY.

Paper I. 70
Paper II. 87

THE MINOR BRICK CHATEAUX OF FRANCE.
(Continued in Volume IX.)
BY W. T. PARTRIDGE.

Paper I. 239

BRICK AND MARBLE IN THE MIDDLE AGES (Reprint).
BY G. EDMUND STREET.

The reprint of this work was begun in THE BRICKBUILDER for January, 1894, and has been continued in the following numbers: —

Volume III. Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.
Volume IV. Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.
Volume V. No. 2.
Volume VII. Nos. 2, 5, 8, 10.
Volume VIII. No. 5.....92
No. 8.....159
No. 9.....179
No. 10.....201

MISCELLANEOUS ARTICLES.

Another Instance of Mistaken Identity.....102
Architectural League of America.....109
Boston Architectural Exhibition.....113
Bricks for Sea Walls.....41
Brickwork at the T Square Club Exhibit.....245
Design and Construction of Terra-Cotta Columns.....176
Economics of Cement Mortar.....249
Fineness of Cement.....75
Foundations for Buildings.....224
Garden Walls of Brick.....163
League and T Square Club Exhibitions.....23
Qualities and Limitations of Ceramic Products.....118
Roman Bricks at Bath.....134
Sand for Mortar.....116
Strength of a Brick Vault.....231
Terra-Cotta Architecture in England.....243
Vertical and Horizontal Brick Courses.....230
Water-proofing Damp Walls.....230

LEADING EDITORIALS.

A. I. A. Convention.....150
British Fire Prevention Committee, The.....21
By Taking Thought.....215
Carved Brick.....172
Colonial Brickwork.....193
Convention of the American Institute of Architects.....215
Convention of Architectural Clubs.....85
Copyright in Architectural Designs.....65
County Supervisors' Valuation of Architects' Services.....108
Evolution *vs.* Originality in Design.....86
Extension of Fire Limits in Boston.....2
Fire-proofing.....1
High Buildings.....1
High Building Legislation.....86
Lesson from a Building Accident.....172
Monteventoso.....149
Roman and Pompeian Brick.....193
The Strength of a Brick.....171
Time in Building.....149
Valuable Highway.....171
Windsor Hotel Fire, The.....43

EDITORIALS NOT TITLED.

Pages.....21, 22, 65, 66, 107, 127, 128, 150, 194, 237, 238

SPECIAL DEPARTMENTS.

FIRE-PROOFING.
Economy of Floor Construction.....120
Effects of Heat upon Natural Stone and Burnt Clay.....50
Fire-proof Construction of Buildings in the United States, 206, 228, 251
Fire-proofing Fifty Years Ago.....34
Lessons from the Home Life Building Fire.....14
Recent Improvement in Fire-proof Construction at Chicago; The Ayer Building.....33
Serrated Arch.....97
Simple Rules for Figuring the Strength of Terra-Cotta Arches...73
Some Deductions from the Evolution in Fire-proof Construction.....164, 184
Teachings of the New York Fire.....12
Test of Wide Floor Arches.....139

MASONS' DEPARTMENT.
Contracts.....52
Estimating.....208
Full-face Headers for Pressed Brick.....54
Hardening Cement Paving.....16
Production of Portland Cement in the United States in 1897-98....36
Some Evils of Present Systems.....98, 140
Some Mistakes of Contractors as Viewed by an Architect.....15
Soundness of Cement.....35

BRICK AND TERRA-COTTA WORK IN AMERICAN AND FOREIGN CITIES AND MANUFACTURERS' DEPARTMENT.
Boston Letter.....189
Brick Architecture, Washington, D. C.....54, 77
Buffalo Letter.....18
Chicago Letters.....17, 38, 81, 100, 124, 142, 167, 187
Interesting New Store Fronts in Chicago.....253
Memphis Letter.....41
Minneapolis Letters.....60, 102, 234
New York Letters...16, 37, 58, 79, 100, 122, 142, 165, 186, 210, 232
Philadelphia Letters.....122, 166, 211, 254
Pittsburgh Letters.....18, 59, 101, 143, 233
St. Louis Letters.....39, 82, 125, 168, 212, 233, 255
St. Paul Letter.....60

BOOK REVIEWS.

Pages.....108, 194, 216, 238

CHARLES T. HARRIS, President.
HENRY S. HARRIS, Vice-President.

WILL. R. CLARKE, Secretary and Treasurer.
ALVORD B. CLARKE, Superintendent.

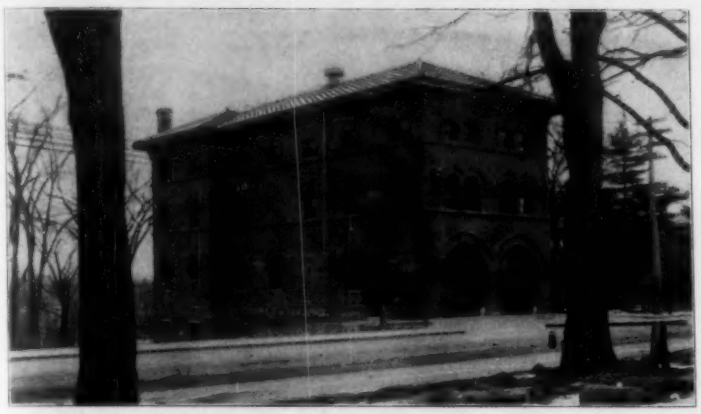
The Celadon Terra-Cotta Co., Ltd.,

MANUFACTURERS OF

ARTISTIC ROOFING TILE,

ALFRED, N. Y.

(Under Babcock Patents.)



GROVE HALL ENGINE HOUSE, BOSTON, MASS., COVERED WITH CONOSERA TILE.
PERKINS & BETTON, *Architects.*

CHARLES BRUEN PERKINS. CORNELIUS GRINNELL BETTON.

PERKINS & BETTON,
Architects,
No. 13 SCHOOL STREET, - - - BOSTON.

Jan. 12, 1899.

CHARLES T. HARRIS, Esq., Pres. Celadon Terra-Cotta Co., Ltd., Alfred, N. Y.

Dear Sir:—We wish to express to you our approval of the Conosera tiling which your Company supplied and put in position on the roof of the Grove Hall Engine House, for the City of Boston.

The manner of laying was so methodical and workmanlike it could but call for the highest praise. The work was done to our entire satisfaction and the result more than fulfils our expectations.

We hope soon to have an opportunity to again use your product. Our thanks are due to you and Mr. Bacon for the readiness and promptness with which the contract was executed.

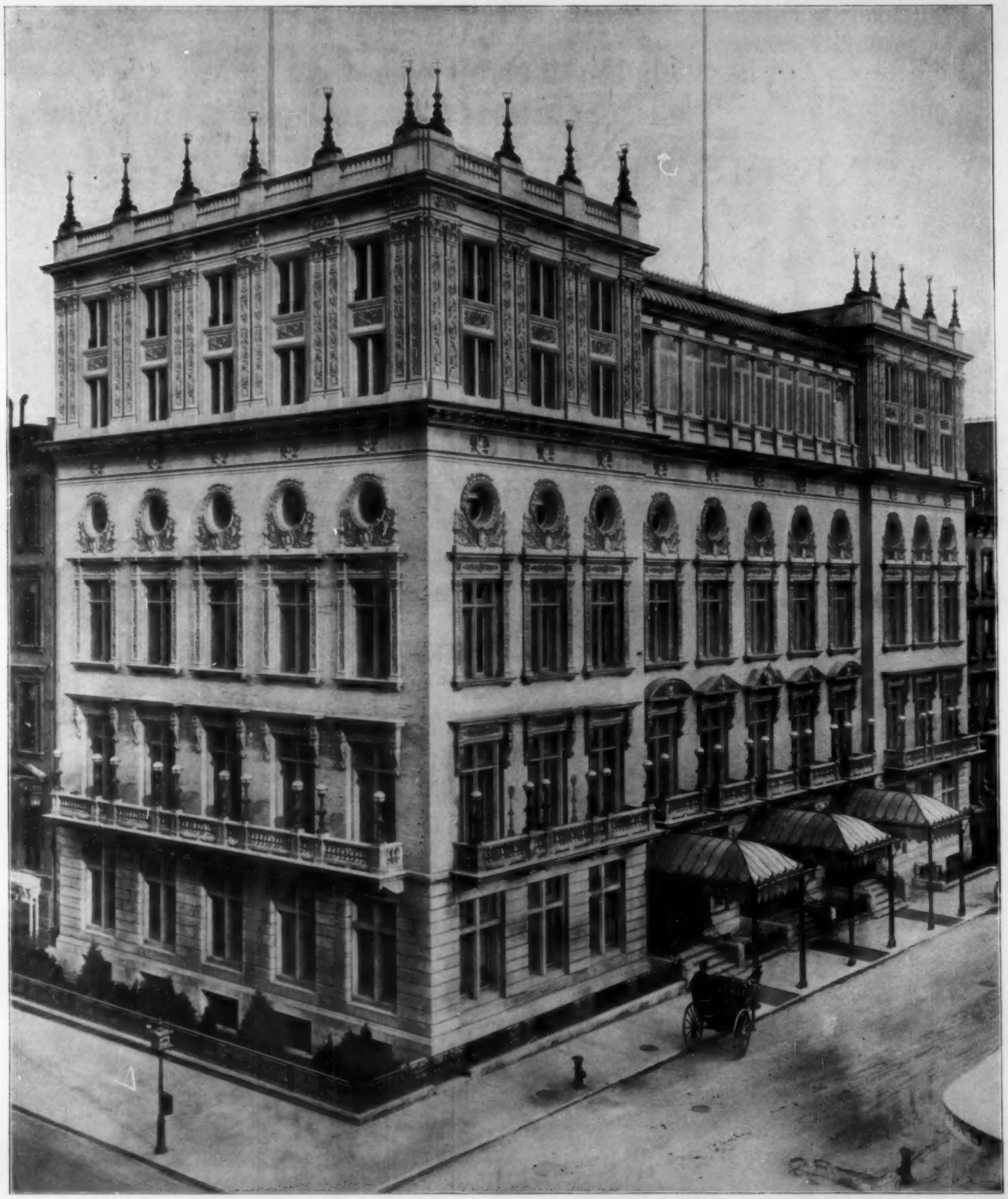
Very truly yours,

PERKINS & BETTON.

Contracts for the Somerset Apartments, illustrated in the December issue, and the Grove Hall Engine House, illustrated in this, were secured by our Boston agent, Mr. Charles Bacon, of 3 Hamilton Place, Boston, Mass.

NEW YORK OFFICE,
SUITE 1123-4, PRESBYTERIAN BUILDING, 156 FIFTH AVENUE.

CHICAGO OFFICE,
SUITE 1001-2, MARQUETTE BUILDING, 204 DEARBORN STREET.



THE DELMONICO BUILDING, 44TH STREET AND FIFTH AVE., NEW YORK CITY.
JAMES BROWN LORD, ARCHITECT.

TERRA-COTTA AND BRICK BY THE

NEW YORK ARCHITECTURAL TERRA-COTTA COMPANY,

PHILADELPHIA. 38 PARK ROW, NEW YORK CITY. BOSTON.